Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Thursday 03 Feb 2022 until 23:59 on Friday 04 Feb 2022

Forecast Issued on Wednesday 02 Feb 2022 at 18:06

Confidence: High for unsettled, windy and occasionally wintry conditions through the coming days, but lower with regard to timing of the more persistent bands of rain.

Headline for Thursday 03 Feb 2022: Mostly cloudy with morning rain and drizzle. Severe southwesterly gales developing.

Mountain weather hazards on Thursday 03 Feb 2022

Blizzards
No Likelihood

Gales
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
Low Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
Low Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Drizzle	Drizzle	Light rain	Cloudy	Sunny intervals	Partly cloudy (night)	Heavy Rain
Precipitation probability							
30%	50%	50%	60%	30%	10%	10%	90%

Forecast for Thursday 03 Feb 2022

Weather: Some clear or sunny spells, especially in the east through the morning, but generally cloudy with outbreaks of mainly light rain and drizzle, these most persistent across western and southern fells. The afternoon looks drier with more in the way of sunny spells developing. Increasing cloud through the evening brings heavy and persistent rain southeast, the rain turning increasingly to snow at all but the lowest levels towards midnight.

Chance of cloud-free hill tops above 800m: Little chance in the south and west, but nearer 30% in the north and east, through the morning improving to 30% in south and west and 75% in north and east during the afternoon. Chances fall to zero through the evening.

Low cloud and visibility: Periods or persistent cloud 450-600m, patches lower in south and west, but cloud more occasional above 600m at times in east and in the west in the afternoon, with cloud in east becoming occasional above 750m in afternoon. Otherwise visibility good or rather hazy falling to just a few kilometres in drizzle and heavy evening rain and less than a kilometre in heavy snow towards midnight.

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Met Office Mountain Weather Forecast

Forecast for Thursday 03 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	26/31 SW	29/37 SW	29/36 SW	32/40 SW	37/48 SW	39/52 SW	49/65 SW	43/57 W	33/44 NW
600	21/28 SW	24/32 SW	24/33 SW	24/33 SW	30/41 SW	32/45 SW	39/56 SW	35/50 W	25/38 NW
300	9/21 SW	10/25 SW	11/25 SW	10/26 SW	14/33 SW	15/35 SW	18/43 SW	17/38 W	13/31 NW
Valley	11/24 SW	11/25 SW	12/25 SW	12/26 SW	15/31 SW	15/33 SW	19/41 SW	18/38 W	15/30 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	3/-4	2/-5	2/-5	2/-5	3/-5	2/-5	3/-6	1/-8	-3/-12
600	4/-1	4/-2	4/-2	4/-2	4/-2	4/-2	5/-2	3/-4	-0/-8
300	6/3	6/3	6/2	6/3	6/3	7/3	7/2	5/1	2/-3
Valley	8/5	8/4	7/4	8/4	8/5	8/5	8/5	7/2	4/-1
Freezing Level*	1300m	1200m	1300m	1400m	1300m	1300m	1400m	1100m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts to around 70mph over higher ridges and summits during late afternoon and early evening. Increasing chill effect through the day, with temperatures dropping significantly at all levels towards midnight.

Forecast for Friday 04 Feb 2022

Weather: Heavy snow clearing soon after midnight then cold and showery, the showers heavy, perhaps thundery, at times and falling as snow at all but the lowest levels, with temporary blizzard conditions. There will be some clear or sunny spells, the best of these in the east. Lying snow, especially over higher fells likely to drift or blow in the strong winds.

Maximum wind: Westerly or northwesterly around 30mph, with gusts around 55mph over ridges and summits and perhaps at lower levels in or near showers.

Chance of cloud-free hill tops above 800m: Around 40% in west but nearer 75% in east

Low cloud and visibility: Periods of cloud at times in west 450-600m but cloud more occasional above 600m in the east. Otherwise visibility, very good falling to a kilometre or less in snow showers and near zero in temporary blizzards and any blowing or drifting snow.

Temperature: **Valleys:** Around zero Celsius at dawn rising to plus 5 or 6 Celsius by day
At 800m: Around minus 4 Celsius with a significant chill effect
Freezing level: Around 300m

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Wednesday 2 February 2022. Location: Catstyecam summit at 14:05. Full report: A mild and windy day in the Lakes with low cloud shrouding many of the higher tops. The Lakeland Fells are by and large snow-free up to and including the highest tops. Small patches of snow are still present on steep ground above 850m, predominantly around north and east-facing corrie rims. Swirral Edge has a very small patch of unavoidable snow right at the top but this can be negotiated fairly easily with care. Striding Edge also has snow present on its exit slopes but this can be avoided completely with careful route choice. Summit temperatures were around 4.5 degrees today with some light rain and drizzle and this will have been continuing to thaw the remaining snow. Despite the milder temperatures, the summit windchill (feels like temperature) still remains below zero. As such, full winter clothing (warm and waterproof), hat & gloves, mountain boots, and equipment including a headtorch, map & compass are all essential for anyone venturing out onto the high fells. High winds are also in the forecast tomorrow (up to 70mph over high and exposed ground) which may make routes above steep ground less advisable. Temperature: plus 4.5 C, Maximum wind speed 27.2 mph, Wind chill: minus 2.5 C, Average wind speed: 14.9 mph.

Issued at: 1806 on Wed 02 Feb 2022

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